

C O P Y

DRAFT

14 January 1959

MEMORANDUM OF UNDERSTANDING:

PROPOSED PLAN FOR PROCURING CALIBRATION INFORMATION

1. The Aeronautical Chart and Information Center agrees to absorb the responsibility of determining calibration information to the extent required by ACIC for normal operations. ACIC further agrees to supply any information so determined to users who require it.

2. The CIA/PIC agrees to supply raw data to the extent of its availability to ACIC for making the above determinations. They further agree to supply technical support insofar as their priorities permit and assist in coordinating requirements for source data.

3. Sequence of operations:

a. ACIC will pick up from CIA/PIC in the immediate future the following items:

- (1) Arizona test materials (DP's) for both A and B.
- (2) Stellar shots from the same equipment taken at

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- (3) A complete set of star charts.
- (4) Boss Star catalogue.
- (5) Manufacturer's specifications of photographic formats, A and B.
- (6) Information, such as focal lengths, which has been previously determined.

b. ACIC will proceed to test such information to determine if distortions exceed the permissible magnitude and/or the degree of influence

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they would have on the accuracy of results from processes utilized by ACIC.

c. Upon completion of the above task, the CIA/PIC will make available stellar plates and coordinate values of observation sites for that hardware which has been utilized in procuring the information on hand for comparison of stability of calibration, insofar as it is recoverable. It appears that this can be accomplished with the 3 personnel who presently have CHALICE clearance. Geographic coordinates need be known to the person making the star identification.

In this phase of operation the CIA/PIC will furnish any other pertinent information available which would assist in resolving the calibration problem.

d. Above information will be furnished for future materials as it becomes available if it has been determined by ACIC that further work on calibration is required.

4. The SA/PD/DCI will investigate the feasibility of ACIC making direct contact with the manufacturer for the purpose of defining requirements, establishing priorities and expediting the basic data to be supplied.

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